Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072324\
Data File : VW029709.D
Acq On : 23 Jul 2024 16:42
Operator : SY/MD
Sample : P3278-20MSD
Misc : 8.34g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E1ZS0MSD

Quant Time: Jul 24 01:17:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jul 24 01:12:32 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	242405	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	219618	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	102659	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	39094	9.983	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 39.920%			
7) Chloroethane-d5	2.893	69	36271	12.864	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 51.440%			
11) 1,1-Dichloroethene-d2	4.027	65	20529	11.675	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 46.680%			
21) 2-Butanone-d5	7.069	46	62863	53.478	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.960%			
24) Chloroform-d	7.648	84	114217	16.299	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 65.200%			
26) 1,2-Dichloroethane-d4	8.307	65	75163	18.286	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 73.160%			
32) Benzene-d6	8.270	84	198689	15.102	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 60.400%			
36) 1,2-Dichloropropane-d6	9.270	67	70882	16.850	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 67.400%#			
41) Toluene-d8	10.318	98	165238	14.281	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 57.120%			
43) trans-1,3-Dichloroprop...	10.575	79	28653	16.085	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 64.360%			
47) 2-Hexanone-d5	10.922	63	44692	58.468	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 116.940%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	83320	24.396	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.600%			
66) 1,2-Dichlorobenzene-d4	13.848	152	61723	17.264	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 69.040%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	29944	12.615	ug/L	95
3) Chloromethane	2.222	50	43585	13.724	ug/L	93
5) Vinyl chloride	2.375	62	57435	15.847	ug/L	92
6) Bromomethane	2.783	94	31564	14.709	ug/L	89
8) Chloroethane	2.930	64	37254	16.705	ug/L	100
9) Trichlorofluoromethane	3.265	101	58362	17.889	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	67301	20.962	ug/L #	72
12) 1,1-Dichloroethene	4.045	96	53972	17.904	ug/L	87
13) Acetone	4.118	43	75695	63.800	ug/L	99
14) Carbon disulfide	4.393	76	138089	14.105	ug/L	98
15) Methyl Acetate	4.667	43	46644	22.392	ug/L	98
16) Methylene chloride	4.923	84	61999	14.286	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	55824	16.728	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	106997	18.844	ug/L	99
19) 1,1-Dichloroethane	6.216	63	124693	18.195	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	62324	17.079	ug/L	97
22) 2-Butanone	7.167	43	72476	46.531	ug/L	100
23) Bromochloromethane	7.514	128	28127	17.136	ug/L	96
25) Chloroform	7.673	83	120255	18.135	ug/L	97

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jul 24 01:12:32 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	94203	18.941	ug/L	99
29) Cyclohexane	7.959	56	116621	21.325	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	102280	20.394	ug/L	98
31) Carbon tetrachloride	8.069	117	95519	20.797	ug/L	100
33) Benzene	8.319	78	250028	18.196	ug/L	100
34) Trichloroethene	9.093	95	66870	18.429	ug/L	98
35) Methylcyclohexane	9.331	83	129506	22.205	ug/L	99
37) 1,2-Dichloropropane	9.367	63	71932	18.931	ug/L	100
38) Bromodichloromethane	9.642	83	86107	18.553	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	101339	17.757	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	139118	51.950	ug/L	98
42) Toluene	10.386	91	267340	19.018	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	89841	18.367	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	53320	19.512	ug/L	97
46) Tetrachloroethene	10.861	164	49814	19.323	ug/L	87
48) 2-Hexanone	10.965	43	110646	54.998	ug/L	100
49) Dibromochloromethane	11.129	129	54981	19.333	ug/L	93
50) 1,2-Dibromoethane	11.233	107	51429	19.749	ug/L	96
51) Chlorobenzene	11.654	112	158587	17.452	ug/L	96
52) Ethylbenzene	11.727	91	304718	19.133	ug/L	97
53) m,p-Xylene	11.836	106	110950	18.977	ug/L	95
54) o-Xylene	12.160	106	101037	18.684	ug/L	97
55) Styrene	12.178	104	175343	18.440	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	76380	22.158	ug/L	99
59) Bromoform	12.349	173	34844	21.988	ug/L	96
60) Isopropylbenzene	12.458	105	312102	21.607	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	58820	23.675	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	215365	20.961	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	227246	20.040	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	113191	17.483	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	116133	17.509	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	105826	18.082	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	14161	23.842	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	64582	15.290	ug/L	97
70) 1,2,4-trichlorobenzene	15.122	180	56013	15.072	ug/L	99
71) Naphthalene	15.360	128	162135	20.785	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	52323	15.496	ug/L	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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